

## 2278 LAB PROTOCOLS FOR SELECT MEDICATIONS

Chapter: **Sununu Youth Services Center**

Section: **Healthcare**



New Hampshire Division for Children, Youth and Families Policy Manual

Policy Directive:

Approved:

Effective Date: **01-01-09**

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William W. Fenniman, DJJS Director

Related Statute(s):

Related Admin Rule(s):

Related Federal Regulation(s):

Related Form(s):

Bridges' Screen(s) and Attachment(s):

For the safety and health of all residents of the SYSC, the SYSC psychiatrist and medical physician shall monitor the use of certain medications.

### Purpose

The purpose of this policy is to establish the SYSC lab protocols for select medications.

### Procedure

- I. All new admissions on the following medications will have the following lab work completed on day five (Note all females are to have a pregnancy test on admission): Note: parent/guardian authorization is required before lab work is obtained.
  - A. Lithium:
    1. Day 5 Lithium Level, CBC with Diff and PLT, Basic Metabolic, TSH.
    2. Then repeat the following every 3 months: lithium level, Basic metabolic, TSH, and CBC with Diff and PLT.
  - B. Valproate (Depakote):
    1. Day 5 – Valproate level, CBC with Diff with PLT Comprehensive Metabolic.
    2. Then repeat the following every three months: Depakote level, CBC with Diff and PLT, LFT's.
  - C. Carbamazepine (Tegretol):
    1. Day 5 Carbamazepine Level, CBC with Diff with PLT, LFT's.
    2. Then repeat the following every 3 months: Carbamazepine Level, CBC with Diff with PLT, LFT's.
  - D. Synthroid:
    1. Day 5 comprehensive metabolic, CBC with Diff and PLT.
    2. Then as ordered by the physician.

- E. Seroquel, Risperdal, Zyprexa, Abilify, Geodon: Fasting Blood Sugar, and Lipid Panel on Admission and/or on initiation of medication.
    - 1. Repeat every three months.
  - F. A.I.M.S. testing for all residents on antipsychotic medication and repeat every 6 months.
- II. Baseline and follow up lab work for newly ordered Medications (as listed):
- A. Lithium:
    - 1. Before Starting: Pregnancy Test, TSH, Basic Metabolic and EKG.
    - 2. After 2 weeks: Lithium Level, CBC with diff with PLT.
    - 3. Every three months: Lithium Level, Basic Metabolic, TSH and CBC with DIFF with PLT's.
  - B. Valproate (Depakote):
    - 1. Before Starting: Pregnancy Test.
    - 2. After two weeks and every three months: CBC with Diff with PLT, LFT's and Valproate (Depakote) Level.
  - C. Carbamazepine (Tegretol):
    - 1. Before Starting: Pregnancy Test.
    - 2. After two weeks and every three months: Carbamazepine (Tegretol) Level, CBC with Diff with PLT, LFT's.

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|-----------------------------|------|
| Health Authority Signature  | Date |
| Psychiatrist Signature      | Date |
| Medical Physician Signature | Date |